

31. (New) A method as claimed in claim 1, wherein said setting includes subjecting the film to a hydrogen-containing plasma to remove at least one of H₂O and OH from the film with the carbon-containing groups remaining therein.

32. (New) A method as claimed in claim 13, wherein said setting includes annealing the film to remove at least one of H₂O and OH from the film with the carbon-containing groups remaining therein.

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33. (New) A method as claimed in claim 13, wherein said setting includes subjecting the film to a hydrogen-containing plasma to remove at least one of H₂O and OH from the film with the carbon-containing groups remaining therein.

34. (New) A method as claimed in claim 26, wherein said setting includes annealing the film to remove at least one of H₂O and OH from the film with the carbon-containing groups remaining therein.

35. (New) A method as claimed in claim 26, wherein said setting includes subjecting the film to a hydrogen-containing plasma to remove at least one of H₂O and OH from the film with the carbon-containing groups remaining therein.